Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 04 Oct 2021 until 23:59 on Tuesday 05 Oct 2021

Forecast Issued on Sunday 03 Oct 2021 at 16:07

Confidence: High for an unsettled start to the week and for becoming rather more settled later in the week but confidence lower for extent of heavier rain Tuesday and cloud amounts later in week.

Headline for Monday 04 Oct 2021: Sunny spells and heavy, perhaps thundery, showers developing. Strong southwesterly winds easing

Mountain weather hazards on Monday 04 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Light rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
20%	10%	10%	10%	30%	30%	30%	10%

Forecast for Monday 04 Oct 2021

Weather: Long clear spells overnight with the odd shower in the west, otherwise dry. Then a bright start with some good spells of sunshine with just a few showers at first in west. However showers develop more widely through the morning with the risk of the odd heavy and perhaps thundery shower in the afternoon. The showers become lighter and less frequent through the evening.

Chance of cloud free mountain/hill tops above 600m: Around 90% falling to 75% for a time in the late morning and afternoon

Visibility: Occasional cloud above 600m during the late morning and afternoon with patches below in heavier showers. Otherwise visibility very good falling to just a few kilometres in heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 04 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/31 SW	20/29 SW	20/28 SW	20/27 SW	21/29 SW	18/25 SW	17/25 S	17/25 S	14/20 SE
300	15/25 SW	14/23 S	13/22 S	15/22 SW	16/25 SW	13/20 SW	11/19 S	11/20 S	10/18 SE
Valley	9/23 S	10/22 S	9/20 S	10/20 SW	12/24 SW	9/18 SW	7/17 S	7/17 SE	7/15 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	6/2	6/1	7/2	8/4	8/4	8/4	7/3	7/4
300	9/6	9/5	8/5	9/6	11/8	11/8	10/8	9/7	10/7
Valley	9/7	9/7	9/6	10/8	12/10	12/10	10/9	10/8	10/8
Freezing Level*	1600m	1600m	1600m	1600m	1500m	1600m	1700m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures in east locally 14 or 15 Celsius by day. Rather chilly on summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 03 Oct 2021	6.8mm	11.6mm	31mm

Forecast for Tuesday 05 Oct 2021

Weather: Cloud increases from the southwest overnight, with occasionally heavy rain spreading east towards the end of the night. Then a mostly cloudy day with further outbreaks of rain. Becoming drier from the west during the evening with most places dry with clear spells by midnight.

Maximum wind: Easterly 15mph turning more northerly 20-25mph soon after dawn, then northwesterly 25-30mph later in the afternoon with gusts around 45mph over higher peaks.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the day but improving through the evening.

Visibility: Periods or persistent cloud above 450-600m with patches below, the cloud lifting and breaking through the evening. Otherwise visibility rather hazy falling to just a few kilometres in heavier rain.

Temperature: **Valleys:** Plus 8 or 9 Celsius at first rising to plus 12 or 13 Celsius by day
At 600m: Around plus 7 Celsius
Freezing level: Above summits.

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